

CLAIMS

1. A variable pitch arm star construction for rotary molding machine for making plastic vessels or bottles by a drawing-blowing operation, characterized in that said star construction comprises arms having gripper elements and a cooperating lever and cam system for changing the pitch of said arm and for properly orienting said grippers.
2. A star construction according to claim 1, characterized in that said system comprises two levers which, on a side, engages with said gripper and, on the other side, cooperate with respective cam contours.
3. A star construction according to claim 2, characterized in that said levers have respective end portions including each a different diameter double bearing.
4. A star construction according to claim 2, characterized in that said levers are pivoted on a pivot pin supported by a respective supporting flange, said supporting flange being rigid with said star construction.
5. A star construction according to claim 2, characterized in that said levers have a substantially L-shape, one end portion of said lever being pivoted on said gripper on a pivot pin, an end portion of the other lever being pivoted on a connecting rod in turn articulated on said pivot pin.
6. A star construction according to claim 5, characterized in that said pivot pin is a double pivot pin.

7. A star construction according to claim 3, characterized in that said double bearing has a bottom portion interfering against an inner edge of said cam contour, and a top portion bearing on an
5 outer edge of said cam contour.

8. A star construction according to claim 7, characterized in that said bottom portion of said double bearing has a diameter larger than that of said top portion of said double bearing.